

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018324**Date Inspected:** 20-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

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This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004B3-001-025,051,052.

BK004B4-001-015.

BK004B5-001-016,017,036,037,038,039.

BK004B6-001-015,016,021,022,115,116,029,030,031,032,055,056.

BK004B7-001-129,226,223,227,224

FCAW welding of repair weld is identified as 2G-004 of SB018-096 for SB96W. The welder is identified as 062807. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-Repair and WR17100.

FCAW welding of repair weld is identified as 2G-008 of SB018-100 for SB100W. The welder is identified as 062761. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-Repair and WR17097.

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FCAW welding of repair weld is identified as 2G-055 of SB021-096 for SB96E. The welder is identified as 062792. ZPMC QC is identified as Mr. Peng wen jun. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-Repair and WR17107.

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FCAW welding of weld is identified as 2F-051 of BP3056-001 for Lift 14East. The welder is identified as 2018888. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-045 of BP3056-001 for Lift 14 East. The welder is identified as 066479. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patel,Hiranch	QA Reviewer
